

10602964\_QUAL

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10602964 LIST

PLUS Search Results for S/N 10602964, Searched April 08, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

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10602964\_CLS  
Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10602964 on April 08, 2004

Original Classifications

4 700/182  
2 425/183

~~Cross-Reference Classifications~~

3 700/165  
3 700/179  
3 700/180  
3 700/83  
2 83/698.91  
2 264/177.17  
2 264/572  
2 425/185  
2 425/190  
2 425/196  
2 474/199  
2 700/110  
2 700/169  
2 700/206  
2 700/97

Combined Classifications

4 700/182  
3 425/190  
3 700/165  
3 700/179  
3 700/180  
3 700/206  
3 700/83  
2 83/698.91  
2 264/177.17  
2 264/40.7  
2 264/572  
2 425/183  
2 425/185  
2 425/196  
2 474/171  
2 474/199  
2 700/110  
2 700/169  
2 700/97



10602964 CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 10602964 on April 08, 2004

4 700/182 (4 OR, 0 XR)  
 Class 700 : DATA PROCESSING: GENERIC CONTROL SYSTEMS OR  
 SPECIFIC APPLICATIONS  
~~700/90 SPECIFIC APPLICATION, APPARATUS OR PROCESS~~  
 700/95 .Product assembly or manufacturing  
 700/117 ..Particular manufactured product or operation  
  
 700/159 ...Machining  
 700/180 ....Having operator interface feature  
 700/182 .....Including CAD, CAM, or CIM technique

3 425/190 (1 OR, 2 XR)  
 Class 425 : PLASTIC ARTICLE OR EARTHENWARE SHAPING OR  
 TREATING: APPARATUS  
 425/182 WITH APPARATUS ASSEMBLY OR DISMANTLING MEANS O  
  
 WITH IDLE PART  
 425/190 .For extrusion or injection type shaping means

3 700/165 (0 OR, 3 XR)  
 Class 700 : DATA PROCESSING: GENERIC CONTROL SYSTEMS OR  
 SPECIFIC APPLICATIONS  
 700/90 SPECIFIC APPLICATION, APPARATUS OR PROCESS  
 700/95 .Product assembly or manufacturing  
 700/117 ..Particular manufactured product or operation  
  
 700/159 ...Machining  
 700/160 ....Having particular tool or tool operation  
 700/165 .....Bending (e.g., press brake)

3 700/179 (0 OR, 3 XR)  
 Class 700 : DATA PROCESSING: GENERIC CONTROL SYSTEMS OR  
 SPECIFIC APPLICATIONS  
 700/90 SPECIFIC APPLICATION, APPARATUS OR PROCESS  
 700/95 .Product assembly or manufacturing  
 700/117 ..Particular manufactured product or operation  
  
 700/159 ...Machining  
 700/179 ....Tool selection/change

3 700/180 (0 OR, 3 XR)  
 Class 700 : DATA PROCESSING: GENERIC CONTROL SYSTEMS OR

10602964\_CLSTITLES  
SPECIFIC APPLICATIONS

700/90 SPECIFIC APPLICATION, APPARATUS OR PROCESS  
700/95 .Product assembly or manufacturing  
700/117 ..Particular manufactured product or operation

700/159 ...Machining  
700/180 ....Having operator interface feature

---

3 700/206 (1 OR, 2 XR)  
Class 700 : DATA PROCESSING: GENERIC CONTROL SYSTEMS OR  
SPECIFIC APPLICATIONS  
700/90 SPECIFIC APPLICATION, APPARATUS OR PROCESS  
700/95 .Product assembly or manufacturing  
700/117 ..Particular manufactured product or operation

700/206 ...Pressing

3 700/83 (0 OR, 3 XR)  
Class 700 : DATA PROCESSING: GENERIC CONTROL SYSTEMS OR  
SPECIFIC APPLICATIONS  
700/1 GENERIC CONTROL SYSTEM, APPARATUS OR PROCESS  
700/83 .Having operator control interface (e.g.,  
control/display console)

2 83/698.91 (0 OR, 2 XR)  
Class 083 : CUTTING  
83/651 TOOL OR TOOL WITH SUPPORT  
83/698.11 .Joint or connection  
83/698.71 ..For rectilinearly reciprocating tool  
83/698.91 ...Tool is single element with continuous  
cutting edge (e.g., punch, etc.)

2 264/177.17 (0 OR, 2 XR)  
Class 264 : PLASTIC AND NONMETALLIC ARTICLE SHAPING OR  
TREATING: PROCESSES  
264/165 FORMING CONTINUOUS OR INDEFINITE LENGTH WORK  
264/176.1 .Shaping by extrusion  
264/177.1 ..To produce particular cross section (e.g.,  
noncircular, etc.)  
264/177.17 ...Processing or treatment after extrusion  
(e.g., support, guide, etc.)

2 264/40.7 (1 OR, 1 XR)  
Class 264 : PLASTIC AND NONMETALLIC ARTICLE SHAPING OR  
TREATING: PROCESSES  
264/40.1 WITH MEASURING, TESTING, OR INSPECTING  
264/40.7 .Controlling rate of movement of molding  
material or its support in a continuous pro

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cess

2 264/572 (0 OR, 2 XR)

Class 264 : PLASTIC AND NONMETALLIC ARTICLE SHAPING OR  
TREATING: PROCESSES

264/500 DIRECT APPLICATION OF FLUID PRESSURE  
DIFFERENTIAL TO PERMANENTLY SHAPE, DISTORT

, OR SUSTAIN WORK

264/572 .With internal application of fluid pressure

2 425/183 (2 OR, 0 XR)

Class 425 : PLASTIC ARTICLE OR EARTHENWARE SHAPING OR  
TREATING: APPARATUS

425/182 WITH APPARATUS ASSEMBLY OR DISMANTLING MEANS O

R

WITH IDLE PART

425/183 .Plural wear or shaping surfaces mounted for  
alternative use

2 425/185 (0 OR, 2 XR)

Class 425 : PLASTIC ARTICLE OR EARTHENWARE SHAPING OR  
TREATING: APPARATUS

425/182 WITH APPARATUS ASSEMBLY OR DISMANTLING MEANS O

R

WITH IDLE PART

425/185 .Means permitting removal or substitution of  
elements during apparatus operation

2 425/196 (0 OR, 2 XR)

Class 425 : PLASTIC ARTICLE OR EARTHENWARE SHAPING OR  
TREATING: APPARATUS

425/182 WITH APPARATUS ASSEMBLY OR DISMANTLING MEANS O

R

WITH IDLE PART

425/196 .Blade type harvesting means or severing means

2 474/171 (1 OR, 1 XR)

Class 474 : ENDLESS BELT POWER TRANSMISSION SYSTEMS OR  
COMPONENTS

474/166 FRICTION DRIVE PULLEY OR GUIDE ROLL

474/171 .And additional coaxial surface for engaging  
same belt in shifted condition or for engag

ing auxiliary

belt, brake, or clutch member

2 474/199 (0 OR, 2 XR)

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Class 474 : ENDLESS BELT POWER TRANSMISSION SYSTEMS OR COMPONENTS  
 474/166 FRICTION DRIVE PULLEY OR GUIDE ROLL  
 474/198 .With stationary support for pulley or guide roll  
 474/199 ..And ball or roller bearing for mounting pulley or guide roll on support

~~2 700/110 (0 OR, 2 XR)~~

Class 700 : DATA PROCESSING: GENERIC CONTROL SYSTEMS OR SPECIFIC APPLICATIONS  
 700/90 SPECIFIC APPLICATION, APPARATUS OR PROCESS  
 700/95 .Product assembly or manufacturing  
 700/108 ..Performance monitoring  
 700/109 ...Quality control  
 700/110 ....Defect analysis or recognition

2 700/169 (0 OR, 2 XR)

Class 700 : DATA PROCESSING: GENERIC CONTROL SYSTEMS OR SPECIFIC APPLICATIONS  
 700/90 SPECIFIC APPLICATION, APPARATUS OR PROCESS  
 700/95 .Product assembly or manufacturing  
 700/117 ..Particular manufactured product or operation  
 700/159 ...Machining  
 700/169 ....Supervisory control (e.g., plural tools or plural processors)

2 700/97 (0 OR, 2 XR)

Class 700 : DATA PROCESSING: GENERIC CONTROL SYSTEMS OR SPECIFIC APPLICATIONS  
 700/90 SPECIFIC APPLICATION, APPARATUS OR PROCESS  
 700/95 .Product assembly or manufacturing  
 700/97 ..Design or planning

about 2  
 above 1  
 abstract 1  
 abutted 1  
 accompanying 1  
 accordance 1  
 accordingly 1  
 accuracy 3  
 accurate 1  
 accurately 3  
 achieve 1  
 action 1  
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 additional 1  
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 affect 4  
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 amount 1  
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 approach 1  
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beginning 1  
behind 1  
being 2  
between 8  
biases 1  
billet 1  
block 2  
body 9  
breaks 1  
brief 1  
bring 1  
but 3  
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calibrate 1  
calibrating 5  
calibration 2  
can 4  
cannot 1  
cases 1  
cavity 1  
center 1  
centering 1  
claims 1  
coincident 1  
combination 1  
combinations 5  
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compensated 1  
complex 2  
complicated 3  
component 8  
components 29  
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condition 1  
conducting 1  
configured 1  
conjunction 1  
consisting 1

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construction 1  
consuming 1  
contact 1  
container 12  
contrast 1  
conventionally 1  
copper 4  
corrective 1  
correspondingly 1  
costly 2  
could 1  
coupled 4  
coupling 2  
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criticas 1  
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defines 1  
degree 3  
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description 5  
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direct 1  
direction 1  
directions 1  
directly 1

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disposed 1  
distance 3  
drawings 3  
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engages 1  
engineer 1  
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feet 4  
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field 1  
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fixed 1  
fixture 2  
flange 1  
floor 1  
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for 23  
foregoing 1  
form 2  
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freedom 4  
frequently 1  
from 5  
front 9  
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further 2  
furthermore 1  
gains 1  
gauged 1  
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has 1  
hasenclever 1  
have 7  
having 1  
height 1  
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houses 1  
how 3  
however 2  
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iaser 5

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 inhibit 1  
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 leading 1  
 lengths 1  
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 limit 1

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longitudinal 3  
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main 5  
mandrel 7  
manner 1  
manufacture 2  
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matingly 1  
maximum 1  
may 8  
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mount 4  
mounting 1  
movable 2  
move 1  
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nature 1  
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often 2  
ofthe 1  
oftheinvention 1

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only 2  
operable 1  
operate 1  
operation 2  
operative 1  
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ordinary 1  
orientation 2  
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part 2  
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plan 2  
plane 1  
plate 1  
platen 5  
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preferred 4

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process 1  
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products 1  
provided 3  
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purposes 1  
quality 1  
quickly 2  
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receive 1  
receiver 10  
ref 9  
reference 2  
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requires 2  
respect 1  
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ruptures 1  
said 1  
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shop 1  
should 1  
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specifically 2  
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step 7  
steps 1  
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structure 4  
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support 2  
taken 3

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therein 1  
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this 3  
thorough 1  
those 6  
thought 1  
three 2  
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time 1  
times 3  
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tooling 6  
tools 3  
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translating 1  
transmitter 1  
ttl 1  
tube 1  
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uniformly 1  
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upward 1  
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via 1  
view 17  
virtually 1  
visualize 1  
was 4  
way 1  
ways 5  
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weight 1  
were 1  
where 1  
wherein 6  
which 12  
while 3  
will 7  
wire 1  
with 11  
within 3  
without 1